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NEWS 3	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 7	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 8	JAN 29	PHAR reloaded with new search and display fields
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NEWS 10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS 11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS 12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13	FEB 26	MEDLINE reloaded with enhancements
NEWS 14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS 15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS 16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19	MAR 16	CASREACT coverage extended
NEWS 20	MAR 20	MARPAT now updated daily
NEWS 21	MAR 22	LWPI reloaded
NEWS 22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 23	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 24	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 25	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 26	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 27	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 28	MAY 01	New CAS web site launched
NEWS 29	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 30	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 31	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 32	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 33	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 34	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:58:56 ON 23 MAY 2007

=> file uspatful japio medline biosis embase scisearch epfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 15:59:28 ON 23 MAY 2007
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=> s (vascular occlu?) and gel
L1        1977 (VASCULAR OCCLU?) AND GEL

=> s l1 and (gel sol)
L2           6 L1 AND (GEL SOL)

=> s l2 and (transition temperature)
L3           0 L2 AND (TRANSITION TEMPERATURE)

=> s l2 and (oragnic polymer)
<------User Break------>

L4           0 L2 AND (ORAGNIC POLYMER)

=>
=> s l2 and (organic polymer)
L5           0 L2 AND (ORGANIC POLYMER)

=> s l2 and polymer
L6           5 L2 AND POLYMER

=> s l6 and inject?
L7           4 L6 AND INJECT?

=> d l7 1-4 ibib abs
```

L7 ANSWER 1 OF 4 USPATFULL on STN

ACCESSION NUMBER:	2005:254388 USPATFULL			
TITLE:	Materials for medical implants and occlusive devices			
INVENTOR(S):	Pritchard, Wilson, Memphis, TN, UNITED STATES Flowers, Cedric, Bartlett, TN, UNITED STATES Prescott, Tony, Arlington, TN, UNITED STATES Mendius, Rick, Collierville, TN, UNITED STATES Hallam, Clive, Memphis, TN, UNITED STATES			
	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005220882	A1	20051006	
APPLICATION INFO.:	US 2005-71866	A1	20050303	(11)
	NUMBER		DATE	
PRIORITY INFORMATION:	US 2004-550132P		20040304	(60)
	US 2004-557368P		20040329	(60)
	US 2004-564858P		20040423	(60)
	US 2004-637569P		20041220	(60)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	APPLICATION			
LEGAL REPRESENTATIVE:	PATTERSON, THUENTE, SKAAR & CHRISTENSEN, P.A., 4800 IDS CENTER, 80 SOUTH 8TH STREET, MINNEAPOLIS, MN, 55402-2100, US			
NUMBER OF CLAIMS:	86			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	3 Drawing Page(s)			
LINE COUNT:	2648			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An embodiment is a swellable medical device that swells after introduction into a patient to occlude a lumen or void in a patient. The device may be anisotropically swellable so that it swells unequally in some dimensions to create an improved fit of the device into the patient. Anisotropically swellable materials are also described. Further, materials and methods for removing a biocompatible hydrogel from a patient by a metal-catalyzed oxidative-reductive reaction are described. Other embodiments are directed to devices that are shrinkable, dissolvable, or otherwise removable by exposure to deionized water or hypertonic solutions. Certain other embodiments are materials and methods for making and using chelation-resistant materials crosslinked by insoluble metal salts.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 2 OF 4 USPATFULL on STN

ACCESSION NUMBER:	2005:104955 USPATFULL			
TITLE:	Multimolecular devices and drug delivery systems			
INVENTOR(S):	Cubicciotti, Roger S., Montclair, NJ, UNITED STATES			
	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005089890	A1	20050428	
APPLICATION INFO.:	US 2004-872973	A1	20040621	(10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-907385, filed on 17 Jul 2001, GRANTED, Pat. No. US 6762025 Continuation of Ser. No. US 1998-81930, filed on 20 May 1998, GRANTED, Pat. No. US 6287765			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	APPLICATION			
LEGAL REPRESENTATIVE:	Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ, 08053, US			
NUMBER OF CLAIMS:	119			
EXEMPLARY CLAIM:	1			

LINE COUNT: 15620
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Multimolecular devices and drug delivery systems prepared from synthetic heteropolymers, heteropolymeric discrete structures, multivalent heteropolymeric hybrid structures, aptameric multimolecular devices, multivalent imprints, tethered specific recognition devices, paired specific recognition devices, nonaptameric multimolecular devices and immobilized multimolecular structures are provided, including molecular adsorbents and multimolecular adherents, adhesives, transducers, switches, sensors and delivery systems. Methods for selecting single synthetic nucleotides, shape-specific probes and specifically attractive surfaces for use in these multimolecular devices are also provided. In addition, paired nucleotide-nonnucleotide mapping libraries for transposition of selected populations of selected nonoligonucleotide molecules into selected populations of replicatable nucleotide sequences are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 4 USPATFULL on STN
ACCESSION NUMBER: 2002:60923 USPATFULL
TITLE: Single-molecule selection methods and compositions therefrom
INVENTOR(S): Cubicciotti, Roger S., Montclair, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002034757	A1	20020321
	US 6762025	B2	20040713
APPLICATION INFO.:	US 2001-907385	A1	20010717 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-81930, filed on 20 May 1998, GRANTED, Pat. No. US 6287765
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: LICATA & TYRRELL P.C., 66 E. MAIN STREET, MARLTON, NJ, 08053
NUMBER OF CLAIMS: 129
EXEMPLARY CLAIM: 1
LINE COUNT: 15716
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Single-molecule selection methods are provided for identifying target-binding molecules from diverse sequence and shape libraries. Complexes and imprints of selected target-binding molecules are also provided. The subject selection methods are used to identify oligonucleotide and nonnucleotide molecules with desirable properties for use in pharmaceuticals, drug discovery, drug delivery, diagnostics, medical devices, cosmetics, agriculture, environmental remediation, smart materials, packaging, microelectronics and nanofabrication. Single oligonucleotide molecules with desirable binding properties are selected from diverse sequence libraries and identified by amplification and sequencing. Alternatively, selected oligonucleotide molecules are identified by sequencing without amplification. Nonnucleotide molecules with desirable properties are identified by single-molecule selection from libraries of conjugated molecules or nucleotide-encoded nonnucleotide molecules. Alternatively, target-specific nonnucleotide molecules are prepared by imprinting selected oligonucleotide molecules into nonnucleotide molecular media. Complexes and imprints of molecules identified by single-molecule selection are shown to have broad utility as drugs, prodrugs, drug delivery systems, willfully reversible cosmetics, diagnostic reagents, sensors, transducers, actuators, adhesives, adherents and novel multimolecular devices.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 4 USPATFULL on STN

ACCESSION NUMBER:	2001:152673 USPATFULL		
TITLE:	Methods for detecting and identifying single molecules		
INVENTOR(S):	Cubicciotti, Roger S., Montclair, NJ, United States		
PATENT ASSIGNEE(S):	Molecular Machines, Inc., Montclair, NJ, United States (U.S. corporation)		
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6287765	B1	20010911
APPLICATION INFO.:	US 1998-81930		19980520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Fredman, Jeffrey		
LEGAL REPRESENTATIVE:	Licata & Tyrrell P.C.		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
LINE COUNT:	15456		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Multimolecular devices and drug delivery systems prepared from synthetic heteropolymers, heteropolymeric discrete structures, multivalent heteropolymeric hybrid structures, aptameric multimolecular devices, multivalent imprints, tethered specific recognition devices, paired specific recognition devices, nonaptameric multimolecular devices and immobilized multimolecular structures are provided, including molecular adsorbents and multimolecular adherents, adhesives, transducers, switches, sensors and delivery systems. Methods for selecting single synthetic nucleotides, shape-specific probes and specifically attractive surfaces for use in these multimolecular devices are also provided. In addition, paired nucleotide-nonnucleotide mapping libraries for transposition of selected populations of selected nonoligonucleotide molecules into selected populations of replicatable nucleotide sequences are described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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NEWS 7	JAN 22	CA/CAplus enhanced with patent applications from India
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NEWS 14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS 15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
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NEWS 19	MAR 16	CASREACT coverage extended
NEWS 20	MAR 20	MARPAT now updated daily
NEWS 21	MAR 22	LWPI reloaded
NEWS 22	MAR 30	RDISCLOSURE reloaded with enhancements
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NEWS 27	APR 30	INPADOC replaced by INPADOCDB on STN
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NEWS 29	MAY 08	CA/CAplus Indian patent publication number format defined
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NEWS 31	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 32	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 33	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 34	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

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=> s occlusion and vascular
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=> s occlusion and vascular
L1 103950 OCCLUSION AND VASCULAR

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L2 213 L1 AND SOL AND GEL

=> s l2 and polypropyleneoxide
L3 2 L2 AND POLYPROPYLENEOXIDE

=> d l3 1-2 ibib abs

L3 ANSWER 1 OF 2 USPATFULL on STN
ACCESSION NUMBER: 2002:295287 USPATFULL
TITLE: Rapid-gelling biocompatible polymer composition and

associated methods of preparation and use

INVENTOR(S): Wallace, Donald G., Menlo Park, CA, UNITED STATES
Cruise, Gregory M., Fremont, CA, UNITED STATES
Rhee, Woonza M., Palo Alto, CA, UNITED STATES
Schroeder, Jacqueline Anne, Boulder Creek, CA, UNITED STATES
Coker, George T., III, Castro Valley, CA, UNITED STATES
Maroney, Marcee M., Portola Valley, CA, UNITED STATES
Trollsas, Olof Mikael, Los Gatos, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002165337	A1	20021107
	US 6624245	B2	20030923
APPLICATION INFO.:	US 2001-12263	A1	20011105 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-293708, filed on 16 Apr 1999, GRANTED, Pat. No. US 6312725
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: REED & ASSOCIATES, 800 MENLO AVENUE, SUITE 210, MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 86
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 2862
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method is provided for the rapid formation of a biocompatible gel, and may be carried out in situ, i.e., at a selected site within a patient's body. The method involves admixing a biocompatible crosslinking component A having m sulfhydryl groups wherein m≥2 and a biocompatible crosslinking component B having n sulfhydryl-reactive groups wherein n≥2 and m+n>4, wherein the sulfhydryl-reactive groups are capable of covalent reaction with the sulfhydryl groups upon admixture of the components under effective crosslinking conditions to form a gel in less than one minute. Suitable reaction conditions for carrying out the crosslinking reaction will depend on the particular components and the type of reaction involved; that is, the "effective crosslinking conditions" may involve reaction in bulk or in a solvent, addition of a base, and/or irradiation of the admixture in the presence of a free radical initiator. Exemplary uses include tissue augmentation, biologically active agent delivery, bioadhesion, and prevention of adhesions following surgery or injury. Reactive gel-forming compositions and systems are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:109186 EPFULL
UPDATE DATE PUBLICAT.: 20060621
DATA UPDATE DATE: 20060614
DATA UPDATE WEEK: 200624
TITLE (ENGLISH): THERMO-REVERSIBLE POLYMER FOR INTRALUMENAL IMPLANT
TITLE (FRENCH): POLYMERE THERMO-REVERSIBLE POUR IMPLANT INTRALUMINAL
TITLE (GERMAN): THERMOREVERSIBLES POLYMER FUeR INTRALUMENALIMPLANTATE
INVENTOR(S): MURAYAMA, Yuichi, 10401 Wilshire Boulevard 701, Los Angeles, CA 90049, US; VINUELA, Fernando, 16100 Sunset Boulevard 101, Pacific Palisades, CA 90272, US; MORI, Yuichi, 275 Kumano,Enzan, Yamanashi-ken 404, JP
PATENT APPLICANT(S): The Regents of the University of California, 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200, US
PATENT APPL. NUMBER: 2289353
AGENT: Fiener, Josef, Patentanw. J. Fiener et col. P.O. Box 12

49, 87712 Mindelheim, DE
AGENT NUMBER: 70568
DOCUMENT TYPE: Patent
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1148895	B1	20041117
WO 2000045868		20000810

DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
APPLICATION INFO.: EP 1999-905751 A 19990205
WO 1999-US2445 A 19990205
PRIORITY INFO.: EP 1999-905751 A 19990205 *
WO 1999-US2445 A 19990205 *
CITED PATENT LIT.: EP 724888 A
WO 9705185 A
WO 9824427 A
US 5575815 A

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FILE 'CAPLUS, USPATFULL, EPFULL, JAPIO, MEDLINE, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 17:07:56 ON 23 MAY 2007
L1 103950 S OCCLUSION AND VASCULAR
L2 213 S L1 AND SOL AND GEL
L3 2 S L2 AND POLYPROPYLENEOXIDE

=> s l2 and (alkylene oxide)
L4 3 L2 AND (ALKYLENE OXIDE)

=> d l4 1-3 ibib abs

L4 ANSWER 1 OF 3 USPATFULL on STN
ACCESSION NUMBER: 2004:320949 USPATFULL
TITLE: Therapeutic and diagnostic methods and compositions based on jagged/notch proteins and nucleic acids
INVENTOR(S): Maciag, Thomas, Freeport, ME, UNITED STATES
Zimrin, Ann B., Baltimore, MD, UNITED STATES
Small, Deena J., Scarborough, ME, UNITED STATES
Prudovsky, Igor A., Old Orchard Beach, ME, UNITED STATES
PATENT ASSIGNEE(S): Maine Medical Center Research Institute (U.S. corporation)

NUMBER	KIND	DATE
PATENT INFORMATION: US 2004253602	A1	20041216
APPLICATION INFO.: US 2003-650650	A1	20030828 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2000-579536, filed on 24 May 2000, GRANTED, Pat. No. US 6716974 Continuation-in-part of Ser. No. US 1998-199865, filed on 25 Nov 1998, GRANTED, Pat. No. US 6433138 Continuation of Ser. No. WO 1997-US9407, filed on 30 May 1997, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-18841P	19960531 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MORGAN, LEWIS & BOCKIUS LLP, 1701 MARKET STREET, PHILADELPHIA, PA, 19103-2921
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: CLM-01-16
NUMBER OF DRAWINGS: 18 Drawing Page(s)
LINE COUNT: 5782
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to therapeutic and diagnostic methods and compositions based on Jagged/Notch proteins and nucleic acids, and on their role in the signaling pathway relating to endothelial cell migration and/or differentiation. In addition, this invention provides a substantially purified Jagged protein, as well as a substantially purified nucleic acid or segment thereof encoding Jagged protein, or a functionally equivalent derivative, or allelic or species variant thereof. Further, this invention provides a substantially purified soluble Jagged protein and a substantially purified nucleic acid encoding same as well as a recombinant cell comprising a nucleic acid encoding a soluble Jagged protein. Soluble Jagged provides further therapeutic and diagnostic methods relating to diseases, disorders, and conditions involving Jagged/Notch signaling including, inter alia, angiogenesis, differentiation, and control of gene expression.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 3 USPATFULL on STN
ACCESSION NUMBER: 2004:85284 USPATFULL
TITLE: Therapeutic and diagnostic methods and compositions based on jagged/notch proteins and nucleic acids
INVENTOR(S): Maciag, Thomas, Freeport, ME, United States
Zimrin, Ann B., Baltimore, MD, United States
Small, Deena J., Scarborough, ME, United States
Prudovsky, Igor A., Old Orchard Beach, ME, United States
PATENT ASSIGNEE(S): Maine Medical Center Research Institute, Scarborough, ME, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6716974	B1	20040406
APPLICATION INFO.:	US 2000-579536		20000524 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-199865, filed on 25 Nov 1998, now patented, Pat. No. US 6433138
Continuation of Ser. No. WO 1997-US9407, filed on 30 May 1997

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-18841P	19960531 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Nolan, Patrick J.
ASSISTANT EXAMINER: DeCloux, Amy
LEGAL REPRESENTATIVE: Morgan, Lewis & Bockius, LLP
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 24 Drawing Figure(s); 18 Drawing Page(s)
LINE COUNT: 5632
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to therapeutic and diagnostic methods and compositions based on Jagged/Notch proteins and nucleic acids, and on their role in the signaling pathway relating to endothelial cell migration and/or differentiation. In addition, this invention provides a substantially purified Jagged protein, as well as a substantially purified nucleic acid or segment thereof encoding Jagged protein, or a functionally equivalent derivative, or allelic or species variant thereof. Further, this invention provides a substantially purified soluble Jagged protein and a substantially purified nucleic acid encoding same as well as a recombinant cell comprising a nucleic acid encoding a soluble Jagged protein. Soluble Jagged provides further therapeutic and diagnostic methods relating to diseases, disorders, and conditions involving Jagged/Notch signaling including, inter alia, angiogenesis, differentiation, and control of gene expression.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 3 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:109186 EPFULL
UPDATE DATE PUBLICAT.: 20060621
DATA UPDATE DATE: 20060614
DATA UPDATE WEEK: 200624
TITLE (ENGLISH): THERMO-REVERSIBLE POLYMER FOR INTRALUMENAL IMPLANT
TITLE (FRENCH): POLYMERE THERMO-REVERSIBLE POUR IMPLANT INTRALUMINAL
TITLE (GERMAN): THERMOREVERSIBLES POLYMER FUeR INTRALUMENALIMPLANTATE
INVENTOR(S): MURAYAMA, Yuichi, 10401 Wilshire Boulevard 701, Los Angeles, CA 90049, US; VINUELA, Fernando, 16100 Sunset Boulevard 101, Pacific Palisades, CA 90272, US; MORI, Yuichi, 275 Kumano,Enzan, Yamanashi-ken 404, JP
PATENT APPLICANT(S): The Regents of the University of California, 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200, US
PATENT APPL. NUMBER: 2289353
AGENT: Fiener, Josef, Patentanw. J. Fiener et col. P.O. Box 12 49, 87712 Mindelheim, DE
AGENT NUMBER: 70568
DOCUMENT TYPE: Patent
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1148895	B1	20041117
WO 2000045868		20000810

DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION INFO.:	EP 1999-905751	A	19990205
	WO 1999-US2445	A	19990205
PRIORITY INFO.:	EP 1999-905751	A	19990205 *
	WO 1999-US2445	A	19990205 *
CITED PATENT LIT.:	EP 724888	A	
	WO 9705185	A	
	WO 9824427	A	
	US 5575815	A	

=> s l2 and acrylamide
L5 21 L2 AND ACRYLAMIDE

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=> s l5 and (poly N substituted)
L6            1 L5 AND (POLY N SUBSTITUTED)

=> d l6 1 ibib abs

L6     ANSWER 1 OF 1      EPFULL   COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER:        1999:109186  EPFULL
UPDATE DATE PUBLICAT.:   20060621
DATA UPDATE DATE:        20060614
DATA UPDATE WEEK:        200624
TITLE (ENGLISH):         THERMO-REVERSIBLE POLYMER FOR INTRALUMENAL IMPLANT
TITLE (FRENCH):          POLYMERE THERMO-REVERSIBLE POUR IMPLANT INTRALUMINAL
TITLE (GERMAN):          THERMOREVERSIBLES POLYMER FUeR INTRALUMENALIMPLANTATE
INVENTOR(S):             MURAYAMA, Yuichi, 10401 Wilshire Boulevard  701, Los
                         Angeles, CA 90049, US; VINUELA, Fernando, 16100 Sunset
                         Boulevard  101, Pacific Palisades, CA 90272, US; MORI,
                         Yuichi, 275 Kumano,Enzan, Yamanashi-ken 404, JP
PATENT APPLICANT(S):     The Regents of the University of California, 5th Floor,
                         1111 Franklin Street, Oakland, CA 94607-5200, US
PATENT APPL. NUMBER:     2289353
AGENT:                   Fiener, Josef, Patentanw. J. Fiener et col. P.O. Box 12
                         49, 87712 Mindelheim, DE
AGENT NUMBER:            70568
DOCUMENT TYPE:           Patent
LANGUAGE OF FILING:      English
LANGUAGE OF PUBL.:       English
LANGUAGE OF PROCEDURE:   English
LANGUAGE OF TITLE:       German; English; French
PATENT INFO TYPE:        EPB1 Granted patent
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                         EP 1148895            B1 20041117
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                         WO 2000045868            20000810
DESIGNATED STATES:       AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT
                         SE
APPLICATION INFO.:       EP 1999-905751        A  19990205
                         WO 1999-US2445        A  19990205
PRIORITY INFO.:          EP 1999-905751        A  19990205 *
                         WO 1999-US2445        A  19990205 *
CITED PATENT LIT.:       EP 724888             A
                         WO 9705185            A
                         WO 9824427            A
                         US 5575815            A


=> s l2 and methacrylamide
L7            6 L2 AND METHACRYLAMIDE

=> d l7 1-7 ibib abs

L7   ANSWER 1 OF 6  USPATFULL on STN
ACCESSION NUMBER:        2007:75134  USPATFULL
TITLE:                   In situ occlusion using natural biodegradable
                         polysaccharides
INVENTOR(S):             Chudzik, Stephen J., St. Paul, MN, UNITED STATES
                         Chinn, Joseph A., Shakopee, MN, UNITED STATES
                         Swan, Dale G., St. Louis Park, MN, UNITED STATES
                         Burkstrand, Michael J., Richfield, MN, UNITED STATES
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Duquette, Peter H., Edina, MN, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2007065484	A1	20070322	
APPLICATION INFO.:	US 2006-525006	A1	20060921	(11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2005-719466P	20050921 (60)
	US 2006-791086P	20060410 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: KAGAN BINDER, PLLC, SUITE 200, MAPLE ISLAND BUILDING, 221 MAIN STREET NORTH, STILLWATER, MN, 55082, US
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
LINE COUNT: 3082

AB In situ formed biodegradable occlusions including natural biodegradable polysaccharides are described. The matrix is formed from a plurality of natural biodegradable polysaccharides having pendent coupling groups.

L7 ANSWER 2 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2005:99928 USPATFULL
TITLE: Fiber based embolism protection device
INVENTOR(S): Galdonik, Jason A., Hanover, MN, UNITED STATES
Ogle, Matthew F., Oronoco, MN, UNITED STATES
Pokorney, Jim, Northfield, MN, UNITED STATES
Hinnenkamp, Thomas F., White Bear Lake, MN, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005085847	A1	20050421	
APPLICATION INFO.:	US 2004-795131	A1	20040306	(10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-489044P	20030722 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PATTERSON, THUENTE, SKAAR & CHRISTENSEN, P.A., 4800 IDS CENTER, 80 SOUTH 8TH STREET, MINNEAPOLIS, MN, 55402-2100, US
NUMBER OF CLAIMS: 64
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 21 Drawing Page(s)
LINE COUNT: 2841

AB Improved embolism protection devices comprises fibers that can have one configuration for delivery of the device and a second configuration in which the device is deployed for filtering of flow within a vessel. In some embodiments, the fibers can be connected to a fiber support, which is connected to an actuating element. The actuating element controls the transition from the delivery configuration to the deployed configuration. The embolism protection device can comprise a guidewire. The fibers can be attached at one end to a fiber support structure and at another end to the guidewire. A hypotube can be attached to the proximal end of the fibers while the guidewire is attached at the distal end of the fibers with the guidewire extending within a central channel of the hypotube. The hypotube can be used to guide the delivery of treatment structures, such as a balloon and/or a stent.

L7 ANSWER 3 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:119621 USPATFULL
TITLE: Methods and devices for detection and therapy of atheromatous plaque
INVENTOR(S): Fischman, Alan, Boston, MA, UNITED STATES
Hamblin, Michael R., Boston, MA, UNITED STATES
Tawakol, Ahmed, Boston, MA, UNITED STATES
Hasan, Tayyaba, Boston, MA, UNITED STATES
Muller, James, Boston, MA, UNITED STATES
Anderson, Rox, Boston, MA, UNITED STATES
Elmaleh, David, Boston, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003082105	A1	20030501
APPLICATION INFO.:	US 2002-215958	A1	20020809 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2002-163744, filed on 4 Jun 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295627P	20010604 (60)
	US 2002-365673P	20020315 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FROMMER LAWRENCE & HAUG, 745 FIFTH AVENUE- 10TH FL., NEW YORK, NY, 10151
NUMBER OF CLAIMS: 124
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 26 Drawing Page(s)
LINE COUNT: 3612
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to devices for detection and therapy of active atheromatous plaque and/or thin-capped fibro-atheroma ("vulnerable plaque"), using selectively targeted fluorescent, radiolabeled, or fluorescent and radiolabeled compositions. The present invention further relates to methods and devices for detection and theraphy of active atheromatous plaques and/or vulnerable plaques, using selectively targeted beta-emitting compositions, optionally comprising fluorescent compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 4 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2003:79378 USPATFULL
TITLE: Devices for detection and therapy of atheromatous plaque
INVENTOR(S): Elmaleh, David, Boston, MA, UNITED STATES
Daghighian, Farhad, Los Angeles, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003055307	A1	20030320
APPLICATION INFO.:	US 2002-215600	A1	20020809 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2002-215958, filed on 9 Aug 2002, PENDING Continuation-in-part of Ser. No. US 2002-163744, filed on 4 Jun 2002, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-295627P	20010604 (60)
	US 2002-365673P	20020315 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: FROMMER LAWRENCE & HAUG, 745 FIFTH AVENUE- 10TH FL., NEW YORK, NY, 10151
NUMBER OF CLAIMS: 19
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 26 Drawing Page(s)
LINE COUNT: 3206
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to devices for detection of active atheromatous plaque and/or thin-capped fibro-atheroma ("vulnerable plaque") using selectively targeted radiolabeled compositions, such as beta-emitting compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 6 USPATFULL on STN
ACCESSION NUMBER: 2002:295287 USPATFULL
TITLE: Rapid-gelling biocompatible polymer composition and associated methods of preparation and use
INVENTOR(S): Wallace, Donald G., Menlo Park, CA, UNITED STATES
Cruise, Gregory M., Fremont, CA, UNITED STATES
Rhee, Woonza M., Palo Alto, CA, UNITED STATES
Schroeder, Jacqueline Anne, Boulder Creek, CA, UNITED STATES
Coker, George T., III, Castro Valley, CA, UNITED STATES
Maroney, Marcee M., Portola Valley, CA, UNITED STATES
Trollsas, Olof Mikael, Los Gatos, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002165337	A1	20021107
	US 6624245	B2	20030923
APPLICATION INFO.:	US 2001-12263	A1	20011105 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-293708, filed on 16 Apr 1999, GRANTED, Pat. No. US 6312725
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: REED & ASSOCIATES, 800 MENLO AVENUE, SUITE 210, MENLO PARK, CA, 94025
NUMBER OF CLAIMS: 86
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 2862
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A method is provided for the rapid formation of a biocompatible gel, and may be carried out in situ, i.e., at a selected site within a patient's body. The method involves admixing a biocompatible crosslinking component A having m sulfhydryl groups wherein $m \geq 2$ and a biocompatible crosslinking component B having n sulfhydryl-reactive groups wherein $n \geq 2$ and $m+n>4$, wherein the sulfhydryl-reactive groups are capable of covalent reaction with the sulfhydryl groups upon admixture of the components under effective crosslinking conditions to form a gel in less than one minute. Suitable reaction conditions for carrying out the crosslinking reaction will depend on the particular components and the type of reaction involved; that is, the "effective crosslinking conditions" may involve reaction in bulk or in a solvent, addition of a base, and/or irradiation of the admixture in the presence of a free radical initiator. Exemplary uses include tissue augmentation, biologically active agent delivery, bioadhesion, and prevention of adhesions following surgery or injury. Reactive gel-forming compositions and systems are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 6 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:109186 EPFULL
UPDATE DATE PUBLICAT.: 20060621
DATA UPDATE DATE: 20060614
DATA UPDATE WEEK: 200624
TITLE (ENGLISH): THERMO-REVERSIBLE POLYMER FOR INTRALUMENAL IMPLANT
TITLE (FRENCH): POLYMERE THERMO-REVERSIBLE POUR IMPLANT INTRALUMINAL
TITLE (GERMAN): THERMOREVERSIBLES POLYMER FUeR INTRALUMENALIMPLANTATE
INVENTOR(S): MURAYAMA, Yuichi, 10401 Wilshire Boulevard 701, Los Angeles, CA 90049, US; VINUELA, Fernando, 16100 Sunset Boulevard 101, Pacific Palisades, CA 90272, US; MORI, Yuichi, 275 Kumano,Enzan, Yamanashi-ken 404, JP
PATENT APPLICANT(S): The Regents of the University of California, 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200, US
PATENT APPL. NUMBER: 2289353
AGENT: Fiener, Josef, Patentanw. J. Fiener et col. P.O. Box 12 49, 87712 Mindelheim, DE
AGENT NUMBER: 70568
DOCUMENT TYPE: Patent
LANGUAGE OF FILING: English
LANGUAGE OF PUBL.: English
LANGUAGE OF PROCEDURE: English
LANGUAGE OF TITLE: German; English; French
PATENT INFO TYPE: EPB1 Granted patent
PATENT INFORMATION:
PATENT INFORMATION:

NUMBER	KIND	DATE
NUMBER	KIND	DATE
EP 1148895	B1	20041117
WO 2000045868		20000810

DESIGNATED STATES: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

APPLICATION INFO.:	EP 1999-905751	A	19990205
	WO 1999-US2445	A	19990205
PRIORITY INFO.:	EP 1999-905751	A	19990205 *
	WO 1999-US2445	A	19990205 *
CITED PATENT LIT.:	EP 724888	A	
	WO 9705185	A	
	WO 9824427	A	
	US 5575815	A	

=> s l2 and polyvinylmethylether
L8 1 L2 AND POLYVINYLMETHYLETHER

=> d l8 1 ibib abs

L8 ANSWER 1 OF 1 EPFULL COPYRIGHT 2007 EPO/FIZ KA on STN

ACCESSION NUMBER: 1999:109186 EPFULL
UPDATE DATE PUBLICAT.: 20060621
DATA UPDATE DATE: 20060614
DATA UPDATE WEEK: 200624
TITLE (ENGLISH): THERMO-REVERSIBLE POLYMER FOR INTRALUMENAL IMPLANT
TITLE (FRENCH): POLYMERE THERMO-REVERSIBLE POUR IMPLANT INTRALUMINAL
TITLE (GERMAN): THERMOREVERSIBLES POLYMER FUeR INTRALUMENALIMPLANTATE
INVENTOR(S): MURAYAMA, Yuichi, 10401 Wilshire Boulevard 701, Los Angeles, CA 90049, US; VINUELA, Fernando, 16100 Sunset Boulevard 101, Pacific Palisades, CA 90272, US; MORI, Yuichi, 275 Kumano,Enzan, Yamanashi-ken 404, JP
PATENT APPLICANT(S): The Regents of the University of California, 5th Floor,

	1111 Franklin Street, Oakland, CA 94607-5200, US
PATENT APPL. NUMBER:	2289353
AGENT:	Fiener, Josef, Patentanw. J. Fiener et col. P.O. Box 12 49, 87712 Mindelheim, DE
AGENT NUMBER:	70568
DOCUMENT TYPE:	Patent
LANGUAGE OF FILING:	English
LANGUAGE OF PUBL.:	English
LANGUAGE OF PROCEDURE:	English
LANGUAGE OF TITLE:	German; English; French
PATENT INFO TYPE:	EPB1 Granted patent
PATENT INFORMATION:	
PATENT INFORMATION:	

	NUMBER	KIND	DATE	
	NUMBER	KIND	DATE	
	EP 1148895	B1	20041117	
	WO 2000045868		20000810	
DESIGNATED STATES:	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE			
APPLICATION INFO.:	EP 1999-905751	A	19990205	
	WO 1999-US2445	A	19990205	
PRIORITY INFO.:	EP 1999-905751	A	19990205	*
	WO 1999-US2445	A	19990205	*
CITED PATENT LIT.:	EP 724888	A		
	WO 9705185	A		
	WO 9824427	A		
	US 5575815	A		

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=> s l2 and (polyvinyl alcohol)
L9          60 L2 AND (POLYVINYL ALCOHOL)

=> s l9 and acetaylated
L10          0 L9 AND ACETAYLATED

=> s l9 and acetylate
L11          0 L9 AND ACETYLATE
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